

The invention claimed is:

1. In a utility vehicle having a chassis supported on wheels, the improvement comprising:

5 an integral floor and fender structure comprising a reinforced composite plastic material.

2. The improvement according to claim 1, wherein said plastic layer comprises a fiberglass layer.

10 3. The improvement according to claim 2, wherein said floor and fender structure comprises a fiberglass layer laminated between a top RIM layer and a bottom RIM layer.

15 4. The improvement according to claim 1, wherein said floor and fender structure includes right and left fenders and a seat supporting platform integrally formed between said right and left fenders.

20 5. The improvement according to claim 1, wherein said floor and fender structure comprises a foot supporting area and formed rail portions extending along said fenders and into said foot supporting area.

6. The improvement according to claim 1, wherein said fenders include reinforced portions for interface with isolation mounts.

7. The improvement according to claim 1, wherein said floor and fender structure includes a foot supporting area, seat and seatback supporting areas, fender covering area, and a rear deck region.

5 8. The improvement according to claim 1, wherein said floor and fender structure comprises a center layer covered on opposite surfaces by RIM material, wherein said RIM material comprises a composite plastic material.

10 9. The improvement according to claim 8, wherein said center layer comprises fiberglass.

10. The improvement according to claim 1, wherein said floor and fender structure comprises a center layer covered on opposite surfaces by
15 RIM material.

11. The improvement according to claim 1, wherein said floor and fender structure comprises a laminated structure.

20 12. The improvement according to claim 11, wherein at least one layer is molded onto said plastic layer.

13. The improvement according to claim 1, wherein said floor and fender structure comprises integral features for mounting a steel frame.

14. The improvement according to claim 1, wherein said floor and
5 fender structure comprises integral features for mounting controls, a steering column, a battery, a fuel tank, and a step.

15. The improvement according to claim 1, wherein said floor and fender structure comprises integral features for mounting interior trim panels.

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16. The improvement according to claim 1, wherein said floor and fender structure comprises integral features for storage of an operator's manual and tools.

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17. The improvement according to claim 1, wherein said floor and fender structure comprises integral features for storage forming window and door sealing surfaces.